

Issued October 27, 1908.

## United States Department of Agriculture,

BUREAU OF CHEMISTRY—Circular No. 16, Revised.

UNIT OF FLIGHT  
DOCUMENTS DEPT

H. W. WILEY, Chief of Bureau.

OFFICIALS CHARGED WITH THE ENFORCEMENT OF FOOD LAWS  
IN THE UNITED STATES AND CANADA.

U S DEPOSIT [Revised to July 1, 1908.]

## INTRODUCTION.

The widespread interest in food legislation during the last few years has led to the recent enactment of laws in a number of States where such legislation had not previously existed, and to the enforcement in other States of earlier legislation for which no appropriations had previously been made. As a result, an increasingly large number of inquiries are received for the addresses of officials charged with the enforcement of the laws in different States and the names of chemists and other officers engaged in various capacities in the same work. It is to meet this want that the present circular is issued.

At the present time a serious attempt is made in forty States and Territories of the United States and in Hawaii, the Philippine Islands, and Porto Rico to enforce more or less extensive regulations relating to the purity and wholesomeness of food. The growing interest in this matter is well illustrated by a comparison of these figures with those of 1905, when only twenty-five States and Territories in the United States and Hawaii and Porto Rico really enforced food laws. These numbers do not include the States in which laws have been enacted without appropriations for their enforcement. There are only eleven States and Territories now that have no food laws with appropriations and machinery for their enforcement, and of these three are Territories and come within the provisions of the Federal food and drugs act of June 30, 1906. Of the eight remaining States three have recently enacted laws which, while they can not have a marked effect upon the markets at the present time, show the sentiment of the people and give hope that appropriations will soon be made. The funds appropriated by the several States for the enforcement of the food laws are increasing, which fact results in a larger corps of employees and more efficient inspection.

The information in the succeeding pages was obtained from replies to a circular letter sent to the authorities charged with the enforcement of the laws in the several States. If this information is incomplete or in any respect erroneous, corrections are requested from any who notice such defects, in order that future editions may be free from such inaccuracies.

Acknowledgments of data furnished for this circular are made to Mr. Theodore L. Cole, Washington, D. C., and to the food commissioners of the various States. The collection of the data and their compilation are the work of Miss N. A. Parkinson, of the Division of Foods.

W. D. BIGELOW,  
Chief, Division of Foods.

Approved:

JAMES WILSON,

Secretary of Agriculture.

WASHINGTON, D. C., August 23, 1908.

## ENFORCEMENT OF FEDERAL LAWS.

The United States laws relating to the food supply are enforced by the Department of Agriculture and the Treasury Department, and the Secretaries of these two Departments, together with the Secretary of Commerce and Labor, are empowered to make uniform rules and regulations for carrying out the provisions of the food and drugs act. Appointments of officials for this service are made from an eligible list established upon examination by the United States Civil Service Commission, and are permanent. These laws are enforced in the several bureaus of the two Departments as follows:

### DEPARTMENT OF AGRICULTURE.

#### BOARD OF FOOD AND DRUG INSPECTION.

The board of food and drug inspection, appointed by the Secretary of Agriculture and reporting to him, is charged with the administration of the food and drugs act of June 30, 1906. The personnel of the board is as follows: H. W. Wiley, Chemist and Chief, Bureau of Chemistry; F. L. Dunlap, Associate Chemist; and G. P. McCabe, Solicitor of the Department.

#### BUREAU OF CHEMISTRY.

The Bureau of Chemistry is charged with the preparation of the data on which the execution of the food and drugs act is based, including the collection of samples and the examination of the same. This act forbids the manufacture and sale of adulterated or misbranded foods and drugs in the District of Columbia and the Territories, their importation into the United States, their exportation from the United States (unless the substance conforms to the laws of the foreign country to which shipped), and their sale in interstate commerce. The officials of the Bureau conducting this work are as follows:

#### *Food officials, Bureau of Chemistry.*

Title.	Name.	Post-office address.
Chief of Bureau.....	H. W. Wiley.....	Department of Agriculture, Washington, D. C.
Associate Chemist.....	F. L. Dunlap.....	Do.
Chief of Division of Foods.....	W. D. Bigelow.....	Do.
Chief of Washington Food Inspection Laboratory.....	L. M. Tolman.....	Do.
Chief Food and Drug Inspector.....	W. G. Campbell.....	Do.
Chief of Drug Division.....	L. F. Kebler.....	Do.
Chief of Miscellaneous Division.....	J. K. Haywood.....	Do.
Chief of Dairy Laboratory.....	G. E. Patrick.....	Do.

*Food officials, Bureau of Chemistry—Continued.*

Title.	Name.	Post-office address.
Chief of Boston laboratory.....	B. H. Smith.....	Appraiser's Stores, Boston, Mass.
Chief of Buffalo laboratory.....	W. L. Dubois.....	Federal Building, Buffalo, N. Y.
Chief of Chicago laboratory.....	A. L. Winton.....	Manhattan Building, Chicago, Ill.
Chief of Cincinnati laboratory.....	B. R. Hart.....	First National Bank Building, Cincinnati, Ohio.
Chief of Denver laboratory.....	A. E. Leach.....	Tabor Opera House Building, Denver, Colo.
Chief of Detroit laboratory.....	H. L. Schulz.....	Telegraph Building, Detroit, Mich.
Chief of Galveston laboratory.....	Not appointed.....	Old Custom-House, Galveston, Tex.
Chief of Honolulu laboratory.....	R. A. Duncan.....	Territorial Board of Health, Honolulu, Hawaii.
Chief of Kansas City laboratory.....	A. V. H. Mory.....	Government Building, Kansas City, Mo.
Chief of Nashville laboratory.....	Not appointed.....	Custom-House, Nashville, Tenn.
Chief of New Orleans laboratory.....	C. W. Harrison.....	Custom-House, New Orleans, La.
Chief of New York laboratory.....	R. E. Doolittle.....	Appraiser's Stores, New York, N. Y.
Chief of Omaha laboratory.....	S. H. Ross.....	Post-Office Building, Omaha, Nebr.
Chief of Philadelphia laboratory.....	C. S. Brinton.....	Appraiser's Stores, Philadelphia, Pa.
Chief of Pittsburgh laboratory.....	M. C. Albrech.....	Park Building, Pittsburgh, Pa.
Chief of Portland laboratory.....	A. L. Knisely.....	Worcester Building, Portland, Oreg.
Chief of St. Louis laboratory.....	Not appointed.....	Wright Building, St. Louis, Mo.
Chief of St. Paul laboratory.....	A. S. Mitchell.....	Old Capitol Building, St. Paul, Minn.
Chief of San Francisco laboratory.....	R. A. Gould.....	Appraiser's Stores, San Francisco, Cal.
Chief of Savannah laboratory.....	W. C. Burnet.....	Custom-House, Savannah, Ga.
Chief of Seattle laboratory.....	H. M. Loomis.....	Arcade Annex Building, Seattle, Wash.

## BUREAU OF ANIMAL INDUSTRY.

The work of the Bureau of Animal Industry relating to the supervision of food products is carried on under that portion of the agricultural appropriation act of June 30, 1906, commonly known as the "meat inspection amendment," which provides for the inspection of cattle, sheep, swine, and goats slaughtered for human consumption and of the carcasses and meat food products thereof which are intended for export or which are the subjects of interstate commerce, and for the sanitation of establishments at which inspection is maintained; also under that portion of the act approved May 9, 1902, which provides for the sanitary inspection of all renovated or process butter factories, their products, and the materials going into the same, and for the marking of the product for identification on the market; and under the several appropriation acts which authorize the Secretary of Agriculture to construe the provisions of the act of March 3, 1891, as amended March 2, 1895, "to include dairy products intended for exportation to any foreign country."

The officials of the Bureau directing this work are as follows:

*Food officials, Bureau of Animal Industry.*

Title.	Name.	Post-office address.
Chief of Bureau.....	A. D. Melvin.....	Department of Agriculture, Washington, D. C.
Chief of Inspection Division.....	R. P. Steddom.....	Do.
Chief of Dairy Division.....	Ed. H. Webster.....	Do.
Chief of Biochemic Division.....	M. Dorset.....	Do.

## TREASURY DEPARTMENT.

## BUREAU OF INTERNAL REVENUE.

The Treasury Department, through the Bureau of Internal Revenue, is charged with the enforcement of certain fiscal laws and regulations which have to do with the purity of foods. These are as follows: The act of August 2, 1886, amended by the act of May 9, 1902, taxing oleomargarin, renovated butter,<sup>a</sup> and adulterated butter; the act of June 6, 1896, taxing filled cheese; the act of June 13, 1898, taxing mixed flour; the act of October 1, 1890, allowing the use, free of tax, of grape brandy in the fortification of pure sweet wines, and the act of March 3, 1897, allowing the bottling of distilled spirits in bond.

The officials in charge of this work are as follows:

*Food officials, Bureau of Internal Revenue.*

Title.	Name.	Post-office address.
Commissioner of Internal Revenue...	John G. Capers.....	Treasury Department, Washington, D. C.
Chief, Division of Chemistry.....	A. B. Adams.....	Do.
Chief, Division of Distilled Spirits...	S. L. Stephenson..	Do.
Chief, Division of Assessments.....	C. A. Bates.....	Do.
Assistant Chemist.....	J. M. Doran.....	Do.
Do.....	Peter Valaer.....	Do.

<sup>a</sup> The sections referring to renovated butter are administered in collaboration with the Department of Agriculture.

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## ENFORCEMENT OF STATE AND TERRITORIAL LAWS.

### ALABAMA.

#### COMMISSIONER OF AGRICULTURE.

Office created 1897; no published report; charged with enforcement of oleomargarin law.

### ALASKA.

No provision is made for the enforcement of food laws except in so far as the Federal food and drugs act has effect.

### ARIZONA.

No provision is made for the enforcement of food laws except in so far as the Federal food and drugs act has effect.

### ARKANSAS.

Food law enacted May 28, 1907, empowering the State treasurer, commissioner of agriculture, mines, and manufactures, and secretary of state to make rules for its enforcement, and the commissioner of health to do analytical work. Law inoperative owing to lack of appropriation.

### CALIFORNIA.

#### BOARD OF HEALTH.

Established 1872; food work inaugurated January 1, 1908; reports made to governor biennially; reports made by director of food laboratory to board annually; food and drug laws enforced.

#### ORGANIZATION OF BOARD.

The board is composed of seven members, appointed by the governor every four years and confirmed by the senate. Term of the present board expires March 29, 1909. Director and assistant director of pure food laboratory and other assistants are appointed by the board.

#### *Food-law officials, board of health, State of California.*

Title.	Name.	Post-office address.
President.....	Martin Regensburger....	San Francisco.
Vice-president.....	Wallace A. Briggs.....	Sacramento.
Secretary.....	N. K. Foster.....	Do.
Director of food laboratory.....	M. E. Jaffa.....	Berkeley.
Assistant director of food laboratory.....	A. R. Mehrtens.....	528 42d street, Oakland.
Chemist.....	E. J. Lea.....	University of California, Berkeley.

## DAIRY BUREAU.

Established 1897; biennial report, even year; charged with enforcement of dairy law.

## ORGANIZATION OF BUREAU.

The bureau is composed of three members, appointed by the governor for a term of four years. The chemist and other officers are appointed by the bureau.

*Food-law officials, dairy bureau, State of California.*

Title.	Name.	Post-office address.
Chairman.....	John A. Bliss.....	16 California street, San Francisco.
Secretary and chemist.....	Wm. H. Saylor.....	Do.

## COLORADO.

## STATE DAIRY COMMISSIONER.

Office created April, 1885; present law enacted April 1, 1895; biennial report published in even year; administers laws relating to butter and cheese. Farmers' institute and dairy-instruction work carried on. City ordinances are drafted and enforced in cooperation with cities.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor and the deputy commissioner by the commissioner, each for a term of two years, their present terms expiring April 1, 1909.

*Officials, dairy commissioner's office, State of Colorado.*

Title.	Name.	Post-office address.
State dairy commissioner.....	B. G. D. Bishopp.....	Denver.
Deputy dairy commissioner.....	James Girardet.....	Do.

## STATE BOARD OF HEALTH.

Food law effective January 1, 1908; State board of health charged with its enforcement.

## ORGANIZATION.

Appointments are made by the State board of health, the term of the president expiring in 1909 and that of the secretary in 1911. All appointments are subject to termination at the pleasure of the board.

*Food-law officials, health board, State of Colorado.*

Title.	Name.	Post-office address.
President.....	W. H. Davis.....	Denver.
Secretary and executive officer.....	Hugh L. Taylor.....	Do.
Chemist.....	E. C. Hill.....	Do.

## CONNECTICUT.

## DAIRY COMMISSIONER AND STATE AGRICULTURAL EXPERIMENT STATION.

The dairy commissioner's department is charged with the enforcement of law against violators, and the commissioner can take samples of food wherever he or his deputy think it advisable. The Connecticut Agricultural Experiment Station at New Haven is charged with the chemical work in connection with the enforcement of the law, the examination of foods, and publication of results. The station is authorized to take samples of food wherever the director thinks it advisable. The experiment station was established in 1877. The dairy commissioner was first appointed in 1886. Food inspection began with the enactment of the present food law in 1895, although much work was done by the experiment station in the investigation of foods before that time. A new food and drug law passed by the general assembly went into effect January 1, 1908. The dairy commissioner and experiment station each issues an annual report to the governor.

## ORGANIZATION OF OFFICIAL FORCE.

The dairy commissioner is appointed by the governor; the deputy commissioner by the commissioner; both for a term of two years, which will expire May 1, 1910. The members of the experiment station staff are appointed for an unlimited period by the board of control.

*Food-law officials, State of Connecticut.*

Title.	Name.	Post-office address.
Dairy commission:		
Dairy commissioner .....	H. F. Potter .....	Capitol, Hartford.
Deputy dairy commissioner .....	Tyler Cruttenden .....	Do.
Experiment station:		
Director and treasurer .....	E. H. Jenkins .....	Agricultural Experiment Station, New Haven.
Chemist in charge .....	J. P. Street .....	Do.
Assistant chemist .....	E. Monroe Bailey .....	Do.

## DELAWARE.

## STATE BOARD OF HEALTH.

Food law effective October 1, 1907; State board of health charged with enforcement of food laws.

*Food-law officials, State of Delaware.*

Title.	Name.	Post-office address.
President .....	E. M. Cooper .....	Camden.
Secretary and executive .....	Alex. Lowber .....	Wilmington.

## DISTRICT OF COLUMBIA.

## HEALTH DEPARTMENT.

Established 1818; food work inaugurated 1871; annual report; enforces the following acts: An act to regulate the sale of milk in the District of Columbia, and for other purposes, approved March 2, 1895; an act relating to the adulteration of foods and drugs

in the District of Columbia, approved February 17, 1898; an act to prevent the adulteration of candy in the District of Columbia, approved March 5, 1898; regulations of the former board of health, legalized by Congress by joint resolution legalizing the health ordinances and regulations of the District of Columbia, approved April 24, 1880, and by the act of August 7, 1894; regulations made by the Commissioners of the District of Columbia; the Federal food and drugs act, June 30, 1906.

#### ORGANIZATION OF OFFICIAL FORCE.

All appointments are made by the commissioners and are of indefinite duration.

##### *Food-law officials, District of Columbia.*

Title.	Name.	Post-office address.
Health officer.....	Wm. C. Woodward...	Health department, Washington, D. C.
Chemist.....	R. L. Lynch.....	Do.
Chief clerk and deputy health officer..	Harry C. McLean.....	Do.
Chief inspector and deputy health officer.	M. G. Motter.....	Do.

### FLORIDA.

#### DEPARTMENT OF AGRICULTURE.

Department established 1889; new food law became effective September 1, 1907; annual report made to governor by State chemist.

#### ORGANIZATION OF OFFICIAL FORCE.

The commissioner of agriculture is elected for a term of four years, his present term expiring January, 1909. The State chemist is appointed for a term of four years, his present term expiring August, 1909.

##### *Food-law officials, State of Florida.*

Title.	Name.	Post-office address.
Commissioner of agriculture.....	B. E. McLin.....	Tallahassee.
Chemist.....	R. E. Rose.....	Do.
Assistant chemist.....	B. H. Bridges.....	Do.

### GEORGIA.

#### DEPARTMENT OF AGRICULTURE.

Organized in 1875; food law became effective August 1, 1907; annual report made to governor; analyses of samples made by the State chemist.

#### ORGANIZATION OF OFFICIAL FORCE.

Inspectors and chemists are appointed by the commissioner of agriculture by and with the advice and consent of the State chemist. The State chemist is also empowered to appoint such assistants and experts in his office as may be required, by and with the advice and consent of the commissioner of agriculture, the number of such assistants not to exceed three.



*Food-law officials, State of Georgia.*

Title.	Name.	Post-office address.
Commissioner of agriculture.....	Thomas G. Hudson.....	Atlanta.
State chemist.....	R. E. Stallings.....	Do.
Assistant chemist.....	A. G. Nickles.....	Do.
Do.....	S. H. Wilson.....	Do.
Do.....	R. C. Holtzclaw.....	Do.
Do.....	L. M. Carter.....	Do.
Do.....	W. G. Dozier.....	Do.

## HAWAII.

## FOOD COMMISSIONER.

Office created May, 1898; inspection begun August, 1898; annual report; a detailed monthly report is made to the president of the board of health; a summary of the food commissioner's work forms a part of the annual report of the president of the board of health to the governor of the Territory; general food and drug laws of the Territory enforced.

## ORGANIZATION OF OFFICIAL FORCE.

Appointments are made by the board of health, and are for no definite period of time. Mr. Robert A. Duncan, Territorial board of health, Honolulu, is at present food commissioner and analyst.

## IDAHO.

## DAIRY, FOOD, AND OIL COMMISSION.

Established March 9, 1903; biennial reports and special bulletins; laws enforced from April 1, 1903.

## ORGANIZATION OF OFFICIAL FORCE.

The State horticultural inspector fills the position of dairy, food, and oil commissioner. He, together with the secretary, is appointed in joint session by the State board of horticultural inspection and the State board of dairy, food, and oil commissioners, and holds office at the pleasure of the board.

The chairman is appointed by the governor for a term of two years, the present term expiring March 6, 1909. The superintendent of institutes and the secretary of state are ex officio members by law.

The State chemist is appointed by the State board of dairy, food, and oil commissioners, and holds his office at the pleasure of that board.

*Food-law officials, State of Idaho.*

Title.	Name.	Post-office address.
Dairy, food, and oil commissioner.....	J. R. Field.....	Boise.
Chairman.....	W. C. Howie.....	Mountain Home
Superintendent of institutes.....	H. T. French.....	Moscow.
Secretary of state.....	Robert Lansdon.....	Boise.
Secretary.....	A. McPherson.....	Twin Falls.
Chemist.....	Robert R. Gibson.....	Boise.

## ILLINOIS.

## STATE FOOD COMMISSIONER.

Office created 1899; annual report; administers all dairy and food laws.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for a term of four years, his present term expiring in 1910; all other appointments are made by the commissioner for an indefinite time.

*Food-law officials, State of Illinois.*

Title.	Name.	Post-office address.
State food commissioner.....	Alfred H. Jones.....	1620 Manhattan Building, Chicago.
Assistant food commissioner.....	H. E. Schuknecht.....	Do.
State analyst.....	Thomas J. Bryan.....	1623 Manhattan Building, Chicago.
Assistant State analyst.....	Lucy F. Doggett.....	Do.
Do.....	Arthur L. Nehls.....	Do.
Do.....	A. N. Bennett.....	Do.
Do.....	B. C. Gardner.....	Do.
Do.....	W. Brinsmaid.....	Do.

## INDIANA.

## STATE BOARD OF HEALTH.

Food work inaugurated August 1, 1905. New food and drug law in force March 4, 1907; annual report to governor and monthly bulletins. The laboratory is supported by general appropriation under the act of 1905, and by special appropriations under the act of 1907.

## ORGANIZATION OF OFFICIAL FORCE.

All appointments are made by the State board of health and are indefinite.

*Food-law officials, State of Indiana.*

Title.	Name.	Post-office address.
State food and drug commissioner and chemist in charge.....	H. E. Barnard.....	State House, Indianapolis.
Food chemist.....	H. E. Bishop.....	Do.
Assistant food chemist.....	W. D. McAbee.....	Do.
Water chemist.....	J. H. Brewster.....	Do.

## IOWA.

## STATE FOOD AND DAIRY COMMISSIONER.

At a recent meeting of the legislature a pure-food law was passed, changing the name of the office of dairy commissioner to food and dairy commissioner. Annual report to governor, also bulletins at irregular intervals; general food and dairy laws enforced. The food law took effect July 4, 1906.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for a term of two years, his present term expiring May 1, 1910. The deputy commissioner is appointed by the commissioner. All other appointments are made by the commissioner with the approval of the executive council.

*Food-law officials, State of Iowa.*

Title.	Name.	Post-office address.
Food and dairy commissioner.....	H. R. Wright.....	Des Moines.
Deputy commissioner.....	W. E. Smith.....	Do.
Assistant commissioner.....	J. J. Ross.....	Iowa Falls.
Do.....	W. B. Johnson.....	Des Moines.
Chemist.....	J. R. Chittick.....	Do.
Assistant chemist.....	Avis Talcott.....	Do.
Do.....	W. S. Frisbie.....	Do.

## KANSAS.

## STATE BOARD OF HEALTH.

Established April 10, 1885; food inspection organized March 23, 1905; present law became effective February 16, 1907; quarterly reports, also biennial in odd year; State board of health charged with administration of the food laws; chemical analyses made at State university and State agricultural college.

## ORGANIZATION OF OFFICIAL FORCE.

The State board of health consists of ten members, appointed by the governor for a term of three years, the appointments of three members expiring each year. The secretary of the board is executive officer and is elected by the board for a term of four years, his present term expiring July 1, 1912. The State university and the State agricultural college are authorized to employ additional chemists and assistants for the analytical work, and the State board of health is authorized to appoint inspectors.

*Food-law officials, State of Kansas.*

Title.	Name.	Post-office address.
Secretary, State board of health and chief food and drug inspector.	S. J. Crumbine.....	Topeka.
Food chemist, Kansas University and State board of health.	E. H. S. Bailey.....	Lawrence.
Food chemist, State agricultural college and State board of health.	J. T. Willard.....	Manhattan.

## KENTUCKY.

## AGRICULTURAL EXPERIMENT STATION.

Established June 14, 1898; annual report; all food laws enforced.

## ORGANIZATION OF OFFICIAL FORCE.

The director of the station appoints inspectors as necessity requires. All other appointments are made by the board of control of the experiment station for an indefinite term.

*Food-law officials, State of Kentucky.*

Title.	Name.	Post-office address.
Director, agricultural experiment station.....	M. A. Scovell.....	Lexington.
Head of food division.....	R. M. Allen <sup>a</sup> .....	Do.
Chemist, food division.....	J. O. La Bach.....	Do.
Assistant chemist, food division.....	H. D. Spears.....	Do.
Do.....	B. F. Scherffius.....	Do.
Do.....	W. E. Gary.....	Do.

<sup>a</sup> On leave of absence.

## LOUISIANA.

## STATE BOARD OF HEALTH.

Food work established 1908; biennial report, even year, also quarterly bulletins; makes and enforces all regulations relating to adulterations and sale of unwholesome foods, drugs, and poisons in cooperation with local boards of health.

## ORGANIZATION OF OFFICIAL FORCE.

All appointments are made by the State board of health and are for the period of one year.

*Food-law officials, State of Louisiana.*

Title.	Name.	Post-office address.
President, State board of health and ex officio food commissioner.	Clifford H. Irion.....	New Orleans.
Secretary.....	J. A. Estopinal.....	Do.
Chemist.....	Hamilton P. Jones.....	Perrin Building, New Orleans.

## MAINE.

## AGRICULTURAL EXPERIMENT STATION.

Food work organized 1905; results of analyses published in station bulletins and reports; administers food laws.

## ORGANIZATION OF OFFICIAL FORCE.

The director of the experiment station is ex officio executive officer in the enforcement of the food law. All other appointments are made by the director and are for an indefinite term.

*Food-law officials, State of Maine.*

Title.	Name.	Post-office address.
Director.....	Chas. D. Woods.....	Orono.
Chemist.....	J. M. Bartlett.....	Do.
Do.....	H. H. Hanson.....	Do.
Do.....	J. C. Colcord.....	Do.

## MARYLAND.

## STATE BOARD OF HEALTH.

Established 1874; annual report. The board is now organizing a food-inspection bureau to be operated in harmony with the Federal food and drugs act and the local laws of Baltimore City and other towns and cities of the State. Its work at the abattoirs is well organized and on the water supplies of the State is systematically performed.

## ORGANIZATION OF OFFICIAL FORCE.

Appointments are made by the State board of health for a period of one year, the present terms expiring January 1, 1909.



*Food-law officials, State of Maryland.*

Title.	Name.	Post-office address.
President.....	Wm. H. Welch.....	10 South street, Baltimore.
Secretary.....	M. L. Price.....	Do.
Chemist.....	W. B. D. Penniman..	213 Courtland street, Baltimore.
Bacteriologist.....	Wm. R. Stokes.....	33 Gay street, Baltimore.
Assistant bacteriologist.....	H. W. Stoner.....	Do.

## MASSACHUSETTS.

## STATE BOARD OF HEALTH.

Board established 1869; food inspection organized 1883; annual report and monthly bulletins; enforces laws relating to food and drugs, liquors, and arsenic in manufactured goods.

## ORGANIZATION OF OFFICIAL FORCE.

The inspectors are under civil-service rules, and are appointed for an indefinite length of time; all other appointments are made by the board for an indefinite period.

*Food-law officials, health board, State of Massachusetts.*

Title.	Name.	Post-office address.
Secretary of board.....	Charles Harrington <sup>a</sup> .	Room 142, State House, Boston.
Analyst.....	Hermann C. Lythgoe.	Room 501, State House, Boston.
Assistant analyst.....	Charles H. Hickey.....	Do.
Do.....	Lewis I. Nurenberg.....	Do.
Do.....	Clarence E. Marsh.....	Do.

<sup>a</sup> Deceased.

## STATE DAIRY BUREAU.

Established by chapter 421, acts of 1891; took effect September 1, 1891; Annual Pub. Doc. No. 60; enforces dairy laws, including those concerning oleomargarine, renovated butter, adulterated milk, etc.

## ORGANIZATION OF OFFICIAL FORCE.

The Massachusetts State dairy bureau is composed of three members of the State board of agriculture, selected and appointed by the governor as members of the bureau. Term of office, three years. A provision of the law, however, provides that when a member of the bureau ceases to be a member of the board of agriculture his connection with the bureau ceases, even though he may not have served his full three years.

The law also provides that the secretary of the State board of agriculture shall be the executive officer of the dairy bureau; also that the board at its annual meeting shall elect a general agent of the bureau to serve for one year.

*Food-law officials, dairy bureau, State of Massachusetts.*

Title.	Name.	Post-office address.
Chairman of board.....	Carlton D. Richardson...	West Brookfield.
Member of board.....	John M. Danforth.....	Lynnfield Center.
Do.....	H. E. Page.....	Amherst.
Executive officer and secretary.....	J. Lewis Ellsworth.....	136 State House, Boston.
General agent.....	Peter M. Harwood.....	Do.

## MICHIGAN.

## STATE DAIRY AND FOOD DEPARTMENT.

Established July 1, 1893; annual report and monthly bulletins; enforces laws relating to dairy and food products.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor, with the advice and consent of the senate, for a term of two years, his present term expiring January 1, 1909. All other appointments are made by the commissioner by and with the consent of the governor, and the appointees hold office at the pleasure of the commissioner.

*Food-law officials, State of Michigan.*

Title.	Name.	Post-office address.
State dairy and food commissioner.....	Arthur C. Bird.....	Lansing.
Deputy commissioner.....	Colon C. Lillie.....	Coopersville.
State analyst.....	Floyd W. Robison.....	Lansing.
Assistant chemist.....	L. H. Van Wormer.....	Do.

## MINNESOTA.

## DAIRY AND FOOD COMMISSION.

Established 1885; food work inaugurated August 1, 1889; biennial report, odd year; enforces dairy and food laws.

## ORGANIZATION OF OFFICIAL FORCE.

Appointments are all made for a term of two years, the present term expiring January 1, 1909. The commissioner is appointed by the governor; all other appointments are made by the commissioner.

*Food-law officials, State of Minnesota.*

Title.	Name.	Post-office address.
Commissioner.....	E. K. Slater.....	St. Paul.
Assistant commissioner.....	John McCabe.....	Do.
Chemist.....	J. Hortvet.....	Do.
Assistant chemist.....	R. A. West.....	Do.
Do.....	Miss Genevieve Imus.....	Do.

## MISSISSIPPI.

No provision is made for the enforcement of food laws, with the exception of the appointment of county and town inspectors.

## MISSOURI.

## STATE DAIRY AND FOOD DEPARTMENT.

The State dairy commission was created April 8, 1905, and continued in operation until June 14, 1907, when it was converted into the office of State dairy and food commission; annual report; enforces all dairy, food, and drug laws.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor, by and with the advice and consent of the senate, for a term of four years. The term of the present incumbent expires February 1, 1909. All other appointments are made by the commissioner.

*Food-law officials, State of Missouri.*

Title.	Name.	Post-office address.
Dairy and food commissioner.....	.....	Columbia.
Deputy dairy and food commissioner.....	M. H. Lamb.....	Kansas City.
Chemist.....	P. F. Trowbridge.....	Columbia.
Secretary.....	F. L. Austin.....	Do.

## MONTANA.

A general food law was enacted and approved by the governor March 8, 1907, but no provision for its enforcement has been made, except that suspected samples may be submitted to State institutions for analysis, and if found to be in violation of the law proceedings shall be instituted by the prosecuting attorneys of the State. Considerable work is being done in cooperation with the local meat and milk inspector.

## NEBRASKA.

## FOOD, DAIRY, AND DRUG COMMISSION.

Food commission established July 1, 1899, which office was abolished and the office of food, dairy, and drug commission created in lieu thereof July 5, 1907; monthly and annual reports; enforces food, dairy, and drug laws.

## ORGANIZATION OF OFFICIAL FORCE.

The governor of the State is ex officio food, dairy, and drug commissioner. His present term expires January 1, 1909. The deputy commissioner is appointed by the governor, the State chemist and inspectors by the deputy commissioner, with the approval of the governor, and all appointments expire at the pleasure of the governor.

*Food-law officials, State of Nebraska.*

Title.	Name.	Post-office address.
Food, dairy, and drug commissioner.....	G. L. Sheldon.....	Lincoln.
Deputy commissioner.....	J. W. Johnson.....	Do.
State chemist.....	E. L. Redfern.....	Do.

## NEVADA.

No office or organization is charged with the enforcement of the food laws.

## NEW HAMPSHIRE.

## STATE BOARD OF HEALTH.

Food work established 1903; biennial report, even year, also quarterly bulletins; through its secretary, enforces all laws relating to adulterations and the sale of unwholesome foods, drugs, and poisons; in cooperation with local boards of health, the milk law.

## ORGANIZATION OF OFFICIAL FORCE.

All appointments are made by the State board of health and are for an indefinite time.

*Food-law officials, State of New Hampshire.*

Title.	Name.	Post-office address.
Secretary.....	Irving A. Watson.....	Concord.
State chemist.....	Charles D. Howard.....	Do.
Assistant State chemist.....	W. F. Purrington.....	Do.
Microscopist.....	Charles Duncan.....	Do.
Do.....	H. N. Kingsford.....	Hanover.

## NEW JERSEY.

## STATE BOARD OF HEALTH.

Partial food inspection was established March 25, 1881, under the administration of the State board of health. The first appropriation for its enforcement was made in 1883. Food inspection was extended to include milk in 1882, and the appointment of a State inspector of milk for its enforcement was authorized. An oleomargarine law was passed in 1886, and the board of health was empowered to appoint a dairy commissioner for the administration of the dairy law, and to aid the State board of health in the enforcement of the food law.

Food inspection was reorganized under the present law November 1, 1901. An annual report is issued.

## ORGANIZATION OF OFFICIAL FORCE.

Appointments are made, after examination for fitness, by State board of health. There is no fixed term of office for members of the staff of the division of food and drugs.

*Food-law officials, State of New Jersey.*

Title.	Name.	Post-office address.
Secretary, State board of health.....	Bruce S. Keator.....	Trenton.
Chief, division of food and drugs.....	R. B. Fitz-Randolph.....	Do.
Analyst.....	Shippen Wallace.....	Do.
Do.....	William G. Tice.....	Do.

## NEW MEXICO.

No provision is made for the enforcement of food laws except in so far as the Federal food and drugs act of June 30, 1906, regulates the manufacture and sale of foods.

## NEW YORK.

## DEPARTMENT OF AGRICULTURE.

Established in 1884 as dairy commission; name changed in 1893 to department of agriculture; annual report; enforces agricultural law and all laws relative to the subjects therein contained.<sup>a</sup>

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner of agriculture is appointed by the governor for a period of three years, his present term expiring April 29, 1911. All other appointments are made by the commissioner.

<sup>a</sup> Article XI of the agricultural law was enacted by chapter 524 of the laws of 1903 and relates to adulterated and misbranded foods.



*Food-law officials, department of agriculture, State of New York.*

Title.	Name.	Post-office address.
Commissioner of agriculture.....	Raymond A. Pearson.....	Albany.
Assistant commissioner.....	G. L. Flanders.....	Do.
Assistant commissioner (acting).....	H. H. Kracke.....	23 Park Row, New York.
Assistant commissioner.....	E. J. Preston.....	Amenia.
Do.....	Chas. E. Sackett.....	Utica.
Do.....	S. B. Richardson.....	Lowville.
Do.....	C. T. Russell.....	Munnsville.
Do.....	V. C. Beebe.....	Arcade.
Do.....	Geo. Bernhard.....	233 Powers Building, Rochester.
Do.....	J. H. Grant.....	715 Mutual Life Building, Buffalo.
Do.....	J. P. Clark.....	Falconer.
Chemist.....	E. J. Wheeler.....	Albany.
Do.....	John A. Miller.....	Buffalo.
Do.....	J. F. Geisler.....	New York.
Do.....	E. J. Love.....	Do.
Do.....	S. A. Lattimore.....	Rochester.
Do.....	Edward T. Keefe.....	Albany.
Do.....	Hugh C. Troy.....	Ithaca.
Do.....	Fred R. Ellinger.....	Rochester.
Do.....	C. W. Mudge.....	Albany.
Do.....	J. C. Wilson.....	Canton.
Do.....	Edmund Fales.....	Troy.

## DEPARTMENT OF HEALTH.

Established in 1880; annual report; enforces public-health law, chapter 661, laws of 1893 and amendments thereto.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner of health is appointed by the governor, by and with the consent of the senate, for four years, his present term expiring December 31, 1908. The director and workers of the State hygienic laboratory are appointed by the commissioner, and hold their positions at the pleasure of the commissioner.

*Food-law officials, health department, State of New York.*

Title.	Name.	Post-office address.
Commissioner of health.....	Eugene H. Porter.....	Albany.
Secretary and deputy commissioner.....	A. H. Seymour.....	Do.
Director of State hygienic laboratory.....	H. D. Pease.....	Do.
Consulting chemist.....	Willis G. Tucker.....	Do.
Consulting physiological chemist.....	Holmes C. Jackson.....	Do.
Assistant chemist.....	Mott C. Cunningham.....	Do.

## NORTH CAROLINA.

## DEPARTMENT OF AGRICULTURE.

Department established 1877; food work 1899; annual report; charged with the enforcement of all food laws.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is elected for four years, his present term expiring in January, 1909. The term of office for all other incumbents is during good behavior.

*Food-law officials, State of North Carolina.*

Title.	Name.	Post-office address.
Commissioner of agriculture.....	S. L. Patterson.....	Raleigh.
State chemist.....	B. W. Kilgore.....	Do.
Food chemist.....	W. M. Allen.....	Do.
Assistant chemist.....	J. M. Pickel.....	Do.
Do.....	Hampden Hill.....	Do.
Microscopist.....	C. D. Harris.....	Do.

## NORTH DAKOTA.

## STATE AGRICULTURAL EXPERIMENT STATION.

Food work established July 1, 1903; annual reports and bulletins; food and drug laws enforced.

## ORGANIZATION OF OFFICIAL FORCE.

The appointments are made by the board of trustees of the experiment station.

*Food-law officials, State of North Dakota.*

Title.	Name.	Post-office address.
Commissioner and chemist.....	E. F. Ladd.....	Agricultural College.
Assistant chemist.....	Herman A. Wood.....	Do.
Do.....	L. A. Brown.....	Do.
Do.....	R. E. Remington.....	Do.
Do.....	Adelle Shepperd.....	Do.
Do.....	H. L. White.....	Do.
Do.....	Wm. F. Sudro.....	Do.

## OHIO.

## STATE DAIRY AND FOOD DEPARTMENT.

Office created 1886; annual report; food, drug, and linseed-oil laws enforced, and evidence of violation of liquor-tax laws gathered.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner was appointed by the governor until 1892, when his office became elective. He is now elected for a term of two years, his present term expiring February 16, 1909. All other appointments expire at the pleasure of the commissioner.

*Food-law officials, State of Ohio.*

Title.	Name.	Post-office address.
Dairy and food commissioner.....	Renick W. Dunlap.....	Columbus.
Chemist.....	Perry L. Hobbs.....	Cleveland.
Do.....	William McPherson.....	Columbus.
Do.....	H. A. Weber.....	Do.
Do.....	O. S. Marcworth.....	Do.
Do.....	Azor Thurston.....	Grand Rapids.
Do.....	Theo. D. Wetterstroem..	Cincinnati.
Do.....	W. S. Bryson.....	Scio.
Assistant commissioner.....	Harry Kalthoff.....	Cincinnati.
Do.....	William Martin.....	Chardon.

## OKLAHOMA.

## FOOD, DAIRY, AND DRUG COMMISSION.

Organized June 30, 1908; annual and monthly report to governor. Laboratory at Agricultural and Mechanical College analyzes all samples of foods and dairy products; laboratory at State University analyzes drugs and medicines.

## ORGANIZATION OF OFFICIAL FORCE.

The commission consists of five members appointed by the governor, the present appointments expiring with that of the governor in January, 1910. The University and Agricultural and Mechanical College employ such chemists and assistants as are necessary. The commissioners appoint inspectors and other assistants.

*Food-law officials, State of Oklahoma.*

Title.	Name.	Post-office address.
President.....	J. P. Conners.....	Guthrie.
Secretary.....	J. C. Mahr.....	Shawnee.
Treasurer.....	Uwers White.....	Guthrie.
Member of commission.....	C. F. Barrett.....	Do.
Do.....	J. C. Burton.....	Do.
Chemist.....	George L. Holter.....	Stillwater.
Do.....	Edwin De Barr.....	Norman.

## OREGON.

## DAIRY AND FOOD COMMISSION.

Established February 16, 1899; biennial report, odd year; Oregon pure-food law enforced.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is elected by the people for four years, his present term expiring July 1, 1912. The deputy commissioner is appointed by the commissioner and serves at his pleasure.

*Food-law officials, State of Oregon.*

Title.	Name.	Post-office address.
Dairy and food commissioner.....	J. W. Bailey.....	Portland.
Deputy dairy and food commissioner.....	Bert. Pilkington.....	Do.

## PENNSYLVANIA.

## DAIRY AND FOOD COMMISSION.

Office created 1895; annual report, also a monthly bulletin and special bulletins; the department of agriculture, through the dairy and food commissioner, enforces the dairy and food laws of Pennsylvania.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor, the deputy commissioner by the commissioner, both for four years, their present terms expiring April 17, 1911.

*Food-law officials, State of Pennsylvania.*

Title.	Name.	Post-office address.
Dairy and food commissioner.....	James Foust.....	Harrisburg.
Assistant dairy and food commissioner.....	Oliver D. Schock.....	Do.
Attorney.....	A. H. Woodward.....	Clearfield.
Chemist.....	C. B. Cochran.....	West Chester.
Do.....	F. T. Aschman.....	305 McCance Block, Pittsburg.
Do.....	James A. Evans.....	1519 French street, Erie.
Do.....	William Frear.....	State College.
Do.....	Charles H. La Wall ..	39 S. Tenth street, Philadelphia.
Do.....	F. A. Genth, jr.....	222 Walnut street, Philadelphia.
Do.....	H. C. Stiefel.....	Bissell Block, Pittsburg.

## PHILIPPINE ISLANDS.

## BUREAU OF HEALTH.

A food law, practically identical with the Federal food and drugs act, was enacted May 18, 1907. This empowers the secretary of the interior, the insular collector of customs, and the collector of internal revenue of the Philippine Islands to make rules and regulations for carrying out the provisions of the act. The examination of samples is made in the bureau of science, which reports the findings to the bureau of health, the latter being the division of the department of the interior charged directly with the enforcement of the law.

*Food-law officials, Philippine Islands.*

Title.	Name.	Post-office address.
Secretary of the interior .....	Dean C. Worcester.....	Manila.
Director of health.....	Victor G. Heiser.....	Do.
Assistant director of health.....	A. J. McLaughlin.....	Do.
Collector of customs.....	George A. Colton.....	Do.
Collector of internal revenue.....	John S. Hord.....	Do.
Director of bureau of science.....	Paul C. Freer.....	Do.
Chief chemist, laboratory for investigation of food and drugs.	H. D. Gibbs.....	Do.
Assistant chemist, laboratory for investigation of food and drugs.	F. Agcaoili.....	Do.

## PORTO RICO.

## BUREAU OF HEALTH.

Established July 29, 1899; annual report; food laws enforced, these being based on the Federal law; the board also enforces the laws and regulations usually adopted by State boards, and many which in the United States are enforced by municipalities.

## ORGANIZATION OF OFFICIAL FORCE.

All appointments are made by the director of health, charities, and corrections of Porto Rico, with the approval of the governor.

*Food-law officials, island of Porto Rico.*

Title.	Name.	Post-office address.
Supervisor of health.....	Tomás Vázquez.....	San Juan.
Director chemical and bacteriological laboratory.	Rafael del Valle Sárraga.	Do.
Assistant chemist.....	Manuel Guillermet.....	Do.



## RHODE ISLAND.

## BOARD OF FOOD AND DRUG COMMISSIONERS.

At the last meeting of the legislature a food and drug law was enacted which becomes operative January 1, 1909. Up to that time the board of commissioners, who are charged with the enforcement of the law, will be occupied in planning for its enforcement. The executive secretary is required by law to be a practical chemist and make the official tests; analytical work will also be done by chemists not connected with the department.

## ORGANIZATION.

The board consists of three members, appointed by the governor with the advice and consent of the senate, their appointments expiring as follows: Mr. Gaskin, January 31, 1914; Mr. Lennon, January 31, 1912; Mr. Groff, January 31, 1910.

*Food-law officials, State of Rhode Island.*

Title.	Name.	Post-office address.
Chairman.....	P. J. Gaskin.....	State House, Providence.
Member of commission.....	Bernard T. Lennon.....	Do.
Executive secretary and chemist.....	John E. Groff.....	Do.

## SOUTH CAROLINA.

## STATE BOARD OF HEALTH.

Established 1876; annual report; charged with the enforcement of food and drug laws.

## ORGANIZATION OF OFFICIAL FORCE.

All appointments are made by the governor upon nominations made by the State medical association, and are for a term of seven years, the present terms expiring 1914.

*Food-law officials, State of South Carolina.*

Title.	Name.	Post-office address.
Chairman, board of health.....	Robert Wilson, jr.....	Charleston.
Secretary, board of health.....	C. F. Williams.....	Columbia.
Chemist and bacteriologist.....	Francis L. Parker, jr.....	Charleston.

## SOUTH DAKOTA.

## FOOD AND DAIRY COMMISSION.

Established February, 1901; annual report; enforces all food, drug, medicine, paint, oil, and stock food laws.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner and his deputy are appointed for a term of two years, their present terms expiring February, 1909. The commissioner is appointed by the governor, by and with the consent of the senate, and all other appointments are made by the commissioner.

*Food-law officials, State of South Dakota.*

Title.	Name.	Post-office address.
Food and dairy commissioner.....	A. H. Wheaton.....	Brookings.
Deputy commissioner.....	T. G. Orr.....	Do.
Chemist.....	Jas. H. Shepard.....	Do.
First assistant chemist.....	A. E. Koch.....	Do.
Second assistant chemist.....	Fred A. Collier.....	Do.

## TENNESSEE.

## STATE BOARD OF HEALTH.

A pure food and drug act was passed by the State legislature on April 9, 1907, and took effect January 1, 1908. The pure food and drug inspector, whose office corresponds to that of food commissioner in most other States, makes reports from time to time to the State board of health and sends an annual report to the governor. His office and laboratory are equipped and conducted under the supervision of the State board of health.

## ORGANIZATION OF OFFICIAL FORCE.

The pure food and drug inspector is appointed by the governor for a term of two years, the present appointment expiring January 15, 1910, and he must be a chemist.

*Food-law officials, State of Tennessee.*

Title.	Name.	Post-office address.
Pure food and drug inspector and director of laboratory.....	Lucius P. Brown.....	Nashville.
Chemist.....	To be filled.....	
Secretary, State board of health.....	J. A. Albright.....	Do.

## TEXAS.

## DAIRY AND FOOD COMMISSION.

Created 1907; annual reports made to governor on September 1; food and drug laws enforced.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for two years, his present term expiring December 31, 1908. All other officials hold office during the pleasure of the commissioner and governor.

*Food-law officials, State of Texas.*

Title.	Name.	Post-office address.
Dairy and food commissioner.....	J. S. Abbott.....	Denton.
Deputy commissioner.....	Not appointed.....	
Assistant chemist.....	P. S. Tilson.....	Houston.

## UTAH.

## DAIRY AND FOOD COMMISSIONER.

Office created March 11, 1897; biennial report, even year; enforces pure-food law of March 7, 1907.

## ORGANIZATION OF OFFICIAL FORCE.

The dairy and food commissioner is appointed by the governor, with the consent of the senate, for two years, his present term expiring March 6, 1909.

*Food-law officials, State of Utah.*

Title.	Name.	Post-office address.
Dairy and food commissioner.....	John Peterson.....	Salt Lake City.
Chemist.....	Herman Harms.....	Do.

## VERMONT.

## STATE BOARD OF HEALTH.

The legislature of 1904 passed a pure-food law, the enforcement of which is placed in the hands of the State board of health, of which board the secretary is the executive officer.

## ORGANIZATION OF OFFICIAL FORCE.

Members of the board of health are appointed by the governor of the State for a term of six years, the term of the present secretary expiring December 31, 1908. All other appointments are made by this board.

*Food-law officials, State of Vermont.*

Title.	Name.	Post-office address.
Secretary, board of health .....	H. D. Holton.....	Brattleboro.
Director of laboratory .....	B. H. Stone.....	Burlington.
Chemist.....	C. P. Moat.....	Do.
Do.....	L. P. Sprague.....	Do.
Do.....	H. L. Thompson.....	Do.

## VIRGINIA.

## DAIRY AND FOOD DIVISION, DEPARTMENT OF AGRICULTURE AND IMMIGRATION.

Law of February 27, 1900, under which food work was inaugurated, was repealed March 14, 1908, by a similar law. Office of dairy and food commissioner created March 11, 1908, and all food and dairy work put under his direction. The commissioner is under the direction of board of agriculture and immigration. Samples are analyzed by chemists and other experts of the board of agriculture and immigration.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for a term of four years, his present appointment expiring January 31, 1912. All other appointments are made by the commissioner of agriculture and the dairy and food commissioner, subject to approval of the board of agriculture.

*Food-law officials, State of Virginia.*

Title.	Name.	Post-office address.
Dairy and food commissioner.....	Wm. D. Saunders.....	Department of agriculture, Richmond.
Deputy dairy and food commissioner.....	Benj. L. Purcell.....	Do.
Chief chemist.....	E. W. Magruder.....	Do.
Assistant chemist.....	C. M. Bradbury.....	Do.
Do.....	J. B. Robb.....	Do.
Do.....	H. L. Davidson.....	Do.
Do.....	J. H. Parkins.....	Do.

## WASHINGTON.

## DAIRY AND FOOD COMMISSION.

Food inspection begun in 1901; biennial reports; dairy and food laws enforced.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for a term of five years, his present term expiring the first Monday in April, 1910; the professor of chemistry in the agricultural college is ex officio chemist to the commission. All other appointments are made by the commissioner.

*Food-law officials, State of Washington.*

Title.	Name.	Post-office address.
Dairy and food commissioner.....	L. Davies.....	Davenport.
Deputy dairy and food commissioner.....	Will H. Adams.....	Spokane.
Chemist.....	Elton Fulmer.....	Pullman.
Deputy dairy instructor.....	L. W. Hanson.....	Seattle.

## WEST VIRGINIA.

A food law was enacted February 16, 1907, but is inoperative because of lack of appropriation.

## WISCONSIN.

## DAIRY AND FOOD COMMISSION.

Office created 1889; biennial reports, even year; dairy, food, drug, and impure ice laws enforced.

## ORGANIZATION OF OFFICIAL FORCE.

The commissioner is appointed by the governor for two years; his present term will expire February, 1909. All other officials hold office subject to the civil-service law.

*Food-law officials, State of Wisconsin.*

Title.	Name.	Post-office address.
Dairy and food commissioner.....	J. Q. Emery.....	Madison.
Chemist.....	Richard Fischer.....	Do.
Assistant commissioner.....	U. S. Baer.....	Do.
Second assistant commissioner.....	H. C. Larson.....	Dodgeville.
Chief food inspector.....	F. M. Buzzell.....	Chippewa Falls.
Assistant chemist.....	A. E. Kundert.....	Madison.
Do.....	Harry Kluter.....	Do.
Do.....	Fred P. Downing.....	Do.



## WYOMING.

## DAIRY, FOOD, AND OIL COMMISSION.

Food inspection established September 30, 1903. The State chemist was executive officer until April 1, 1905, when the office of dairy, food, and oil commissioner was created and charged with the enforcement of the law. Annual report and occasional bulletins.

## ORGANIZATION OF OFFICIAL FORCE.

The dairy, food, and oil commissioner is appointed by the governor, with the advice and consent of the senate, for a term of four years, his present term expiring March 30, 1911. The State chemist also holds the chair of chemistry at the State university and is appointed by the trustees of that institution.

*Food-law officials, State of Wyoming.*

Title.	Name.	Post-office address.
Dairy, food, and oil commissioner.....	E. W. Burke.....	Cheyenne.
State chemist.....	Henry G. Knight.....	Laramie.
Assistant State chemist.....	R. B. Moudy.....	Do.

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## ENFORCEMENT OF CANADIAN LAWS.

### DEPARTMENT OF INLAND REVENUE.

Established 1884; annual report; also publication of bulletins immediately after the examination of any specific class of article; enforces the "adulteration act" relating to food, drugs, and agricultural fertilizers.

#### ORGANIZATION OF OFFICIAL FORCE.

Appointments are by order in council, and are unlimited in time.

#### *Food-law officials in Dominion of Canada.*

Title.	Name.	Post-office address.
Minister of inland revenue.....	Wm. Templeman.....	Ottawa, Canada.
Deputy minister of inland revenue.....	W. J. Gerald.....	Do.
Chief analyst.....	A. McGill.....	Do.
Assistant analyst.....	A. Le Moine.....	Do.
Do.....	J. A. G. Valin.....	Do.
Do.....	E. L. C. Forster.....	Do.
Do.....	Chas. C. Forward.....	Do.
Do.....	Miss E. Davidson.....	Do.
Do.....	Miss S. E. Wright.....	Do.
District analyst.....	M. Bowman.....	Halifax, Nova Scotia.
Do.....	J. T. Donald.....	Montreal, Quebec.
Do.....	F. X. Valade.....	Ottawa, Ontario.
Do.....	C. J. Fagan.....	Vancouver, British Columbia.
Laboratory assistant.....	A. C. Macfarlane.....	Ottawa, Ontario.

## LIST OF FOOD OFFICIALS.

### SUPERIOR OFFICERS.

#### Federal—

H. W. Wiley, Bureau of Chemistry, Department of Agriculture, Washington, D. C.  
F. L. Dunlap, Bureau of Chemistry, Department of Agriculture, Washington, D. C.  
G. P. McCabe, Solicitor of the Department of Agriculture, Washington, D. C.  
A. D. Melvin, Bureau of Animal Industry, Department of Agriculture, Washington, D. C.

J. G. Capers, Bureau of Internal Revenue, Treasury Department, Washington, D. C.

#### California—

M. E. Jaffa, State University, Berkeley.  
William H. Saylor, 16 California street, San Francisco.

#### Colorado—

B. G. D. Bishopp, State dairy commission, Denver.  
Hugh L. Taylor, State board of health, Denver.

#### Connecticut—

H. F. Potter, Capitol, Hartford.  
E. H. Jenkins, agricultural experiment station, New Haven.

Delaware—Alex. Lowber, State board of health, Wilmington.

District of Columbia—William C. Woodward, health department, Washington, D. C.

Florida—B. E. McLin, department of agriculture, Tallahassee.

Georgia—Thomas G. Hudson, department of agriculture, Atlanta.

Hawaii—R. A. Duncan, Territorial board of health, Honolulu.

Idaho—J. R. Field, Boise.

Illinois—Alfred H. Jones, 1620 Manhattan Building, Chicago.

Indiana—H. E. Barnard, State House, Indianapolis.

Iowa—H. R. Wright, food and dairy commission, Des Moines.

Kansas—S. J. Crumbine, State board of health, Topeka.

Kentucky—M. A. Scovell, agricultural experiment station, Lexington.

Louisiana—C. H. Irion, State board of health, New Orleans.

Maine—Charles D. Woods, agricultural experiment station, Orono.

Maryland—William H. Welch, State board of health, Baltimore.

#### Massachusetts—

Charles Harrington, 142 State House, Boston. (Deceased.)  
J. Lewis Ellsworth, 136 State House, Boston.

Michigan—Arthur C. Bird, dairy and food department, Lansing.

Minnesota—E. K. Slater, dairy and food commission, St. Paul.

Missouri—M. H. Lamb, dairy and food department, Kansas City.

Nebraska—J. W. Johnson, food, dairy, and drug commission, Lincoln.

New Hampshire—Irving A. Watson, State board of health, Concord.

New Jersey—R. B. Fitz-Randolph, State board of health, Trenton.

#### New York—

Raymond A. Pearson, department of agriculture, Albany.  
Eugene H. Porter, department of health, Albany.

North Carolina—S. L. Patterson, department of agriculture, Raleigh.

North Dakota—E. F. Ladd, agricultural experiment station, Agricultural College.

Ohio—Renick W. Dunlap, dairy and food department, Columbus.

Oklahoma—J. P. Connors, food, dairy, and drug commission, Guthrie.

Oregon—J. W. Bailey, dairy and food commission, Portland.  
 Pennsylvania—James Foust, dairy and food division, Harrisburg.  
 Philippine Islands—Victor G. Heiser, bureau of health, Manila.  
 Porto Rico—Tomas Vazquez, bureau of health, San Juan.  
 Rhode Island—P. J. Gaskin, State House, Providence.  
 South Carolina—Robert Wilson, jr., State board of health, Charleston.  
 South Dakota—A. H. Wheaton, food and dairy commission, Brookings.  
 Tennessee—Lucius P. Brown, State board of health, Nashville.  
 Texas—J. S. Abbott, dairy and food commission, Denton.  
 Utah—John Peterson, dairy and food commission, Salt Lake City.  
 Vermont—B. H. Stone, State board of health, Burlington.  
 Virginia—William D. Saunders, department of agriculture, Richmond.  
 Washington—L. Davies, dairy and food commission, Davenport.  
 Wisconsin—J. Q. Emery, dairy and food commission, Madison.  
 Wyoming—E. W. Burke, dairy, food, and oil commission, Cheyenne.  
 Canada—William Templeman, department of inland revenue, Ottawa.

#### FOOD CHEMISTS.

Adams, A. B., Bureau of Internal Revenue, Treasury Department, Washington, D. C.  
 Agcaoli, F., bureau of health, Manila.  
 Albrech, M. C., inspection laboratory, Park Building, Pittsburg, Pa.  
 Allen, W. M., department of agriculture, Raleigh, N. C.  
 Aschman, F. L., 608 McCance Block, Pittsburg, Pa.

Bailey, E. H. S., Kansas University, Lawrence, Kans.  
 Bailey, E. M., 168 Sheffield avenue, New Haven, Conn.  
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## State food-law officials and enactments creating them.

State.	Officers or official bodies charged with enforcement.	Legislative session.					Title of compilation containing law.	Date of compilation.	Num-ber of vol-umes.
		Frequency.	Date of opening.		Next regular session.	Limit.			
			Day.	Month.					
Alabama.....	Commissioner of agriculture <sup>a</sup> .....	Quadrennial.....	Second Tuesday.....	January.....	Year. 1911.....	Days. 50.....	Codes.....	1907.....	3
Alaska.....	None.....	Biennial.....	Third Monday.....	January.....	1909.....	60.....	Barker's compilation.	1906.....	1
Arizona.....	Commissioner of agriculture.....	do.....	Third Monday.....	do.....	1909.....	60.....	Revised Statutes of Kirby's Digest	1904.....	1
Arkansas.....	State board health, San Francisco, Dairy bureau, 16 California street, San Francisco.	do.....	Monday after Jan. 1.....	do.....	1909.....	60.....	Codes and General Laws.	1906.....	5
California.....	Department of inland revenue, Ottawa.	Biennial.....	First Wednesday.....	January.....	1909.....	90.....	Revised Statutes.....	1908.....	1
Canada.....	Dairy commissioner, Denver.	do.....	Wednesday after first Mon-day.	do.....	1909.....	.....	General Statutes.....	1902.....	1
Colorado.....	Agricultural experiment station, New Haven, and dairy com-missioner, Hartford.	do.....	First Tuesday.....	do.....	1909.....	60.....	Revised Code.....	1893.....	1
Connecticut.....	Board of health, Wilmington.	Annual.....	First Monday.....	December.....	1908.....	(b).....	Code.....	1906.....	1
Delaware.....	Health officer, Washington.	Biennial.....	Tuesday after first Monday.	April.....	1909.....	60.....	Revised Statutes.....	1906.....	1
District of Columbia.....	Commissioner of agriculture, Tal-lahassee.	Annual.....	Fourth Wednesday.....	June.....	1909.....	50.....	Code, 1895, 3 volumes; Supplement, 1 vol-ume, 1895-1900.	1901.....	4
Florida.....	Department of agriculture, At-lanta.	Biennial.....	Third Wednesday.....	February.....	1909.....	60.....	Revised Laws.....	1905.....	1
Georgia.....	Food commissioner, Honolulu.	do.....	Monday after Jan. 1.....	January.....	1909.....	60.....	Revised Codes.....	1907.....	(d)
Hawaii.....	Dairy, food, and oil commis-sioner, Boise.	do.....	Wednesday after first Mon-day.	do.....	1909.....	.....	Hurd's Revised Stat-utes.	1908.....	(d)
Idaho.....	Food commissioner, Manhattan Building, Chicago.	do.....	Thursday after first Mon-day.	do.....	1909.....	60.....	Burns' Annotated Statutes.	1908.....	4
Illinois.....	Board of health, Indianapolis.	do.....	Second Monday.....	do.....	1909.....	.....	Code, 1897. Supple-ment, 1898-1907.	1907.....	2
Indiana.....	Food and dairy commissioner, Des Moines.	do.....	Second Tuesday.....	do.....	1909.....	50.....	General Statutes.....	1905.....	1
Iowa.....	Board of health, Topeka.....	do.....	Tuesday after first Monday.	do.....	1910.....	60.....	Statutes.....	1903.....	1
Kansas.....	Agricultural experiment station, Lexington.	do.....	Second Monday.....	May.....	1910.....	60.....	Revised Laws <sup>c</sup> .	1904.....	2
Kentucky.....	Board of health, New Orleans.	do.....	Wednesday after Jan. 1.....	January.....	1909.....	90.....	Revised Statutes.....	1903.....	1
Louisiana.....	Director agricultural experi-ment station, Orono.	do.....	First Wednesday.....	do.....	1910.....	.....	Public General Laws.	1904.....	2
Maine.....	Board of health, Baltimore.	do.....	do.....	do.....	1909.....	.....	Revised Laws, 1902, 3 volumes; Supple-ment 1902-6, 1 vol-ume.	1907.....	4
Maryland.....	Board of health and dairy bureau, Boston.	Annual.....	do.....	do.....	1909.....	.....			
Massachusetts.....									

Michigan.....	Dairy and food commissioner, Lansing.	Biennial.....	do.....	do.....	1909	.....	Compiled Laws.....	1897	4
Minnesota.....	Dairy and food commissioner, St. Paul.	do.....	do.....	Tuesday after first Monday.....	1909	90	Revised Laws.....	1905	1
Mississippi.....	None.....	do.....	do.....	do.....	1910	.....	Annotated Code.....	1906	1
Missouri.....	Dairy and food commissioner, Columbia.	do.....	do.....	Wednesday after Jan. 1.....	1909	70	Annotated Statutes.....	1906	5
Montana.....	None.....	do.....	do.....	First Monday.....	1909	60	Annotated Codes.....	1907	2
Nebraska.....	Food, dairy, and drug commissioner, Lincoln.	do.....	do.....	First Tuesday.....	1909	60	Compiled Statutes.....	1907	1
Nevada.....	None.....	do.....	do.....	Third Monday.....	1909	50	Compiled Laws.....	1900	1
New Hampshire.....	Board of health, Concord.	do.....	do.....	First Wednesday.....	1909	.....	Public Statutes.....	1901	1
New Jersey.....	Board of health, Trenton.	Annual.....	do.....	Second Tuesday.....	1909	.....	General Statutes.....	1908	(d)
New Mexico.....	None.....	Biennial.....	do.....	Third Monday.....	1909	60	Compiled Laws.....	1897	1
New York.....	Department of health and department of agriculture, Albany.	Annual.....	do.....	First Wednesday.....	1909	.....	Revised Statutes, Codes, and General Laws.....	1908	(d)
North Carolina.....	Department of agriculture, Raleigh.	Biennial.....	do.....	Wednesday after first Monday.....	1909	60	Revised 1905.....	1905	2
North Dakota.....	Agricultural experiment station, Agricultural College.	do.....	do.....	Tuesday after first Monday.....	1909	60	Revised Codes.....	1905	1
Ohio.....	Dairy and food commissioner, Columbus.	do.....	do.....	First Monday.....	1909	.....	Bates' Annotated Statutes.....	1908	(d)
Oklahoma.....	Food, dairy, and drug commissioner, Shawnee.	do.....	do.....	Second Tuesday.....	1909	60	Revised and Annotated Codes.....	1908	(d)
Oregon.....	Dairy and food commissioner, Portland.	do.....	do.....	Second Monday.....	1909	40	Bellinger and Cotton's Codes.....	1908	(d)
Pennsylvania.....	Department of agriculture, through dairy and food commissioner, Harrisburg.	do.....	do.....	First Tuesday.....	1909	.....	Purdon's Digest.....	1905	4
Philippine Islands.....	Board of health, Manila.	do.....	do.....	do.....	.....	.....	.....	.....	.....
Porto Rico.....	Bureau of health, San Juan.	Annual.....	do.....	Second Monday.....	1909	.....	Revised Statutes and Codes.....	1902	1
Rhode Island.....	Board of food and drug commissioners, Providence.	do.....	do.....	First Tuesday.....	1909	60	General Laws, 1 volume, 1896; Supplements, 6 volumes, 1897-1907.	1907	7
South Carolina.....	Board of health, Charleston.	do.....	do.....	do.....	1909	40	Code of Laws.....	1902	2
South Dakota.....	Food and dairy commissioner, Webster.	Biennial.....	do.....	Second Tuesday.....	1909	60	Revised Codes.....	1903	2(in 1)
Tennessee.....	Board of health, Nashville.	do.....	do.....	First Monday.....	1909	75	Code, 1896, 2 volumes; Supplement, 1896-1903, 1 volume.	1903	3
Texas.....	Dairy and food commissioner, Denton.	do.....	do.....	Second Tuesday.....	1909	.....	Wilson's Criminal Statutes, 1 volume; Sayle's Civil Statutes, 3 volumes.	1906	4

<sup>a</sup> Enforces oleomargarin law.

<sup>b</sup> Sixtieth Congress, second session.

<sup>c</sup> Some legislation not included in this publication is given in Merrill's Civil Code, 1900.

<sup>d</sup> In preparation.

State.	Officers or official bodies charged with enforcement.	Legislative session.				Title of compilation containing law.	Date of compilation.	Num-ber of vol-umes.	
		Frequency.	Date of opening.		Next regular session.				Limit.
			Day.	Month.					
Utah.....	Dairy and food commissioner, Salt Lake City.	Biennial.....	Second Monday.....	January.....	Year. 1909.....	Days. 60.....	1907	1	
Vermont.....	State board of health, Burlington.	.....do.....	First Monday.....	October.....	1908.....	.....	1907	1	
Virginia.....	Department of agriculture, dairy and food division, Richmond.	.....do.....	First Wednesday.....	January.....	1910.....	90.....	1904	2	
Washington.....	Dairy and food commission, Davenport.	.....do.....	Second Monday.....	.....do.....	1909.....	60.....	1909	(a)	
West Virginia.....	None.....	.....do.....	Second Wednesday.....	.....do.....	1909.....	45.....	1906	1	
Wisconsin.....	Dairy and food commissioner, Madison.	.....do.....	.....do.....	.....do.....	1909.....	.....	1906	3	
Wyoming.....	Dairy, food, and oil commissioner, Laramie.	.....do.....	Second Tuesday.....	.....do.....	1909.....	40.....	1899	1	

<sup>a</sup> In preparation.

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